

Datasheet for ABIN513828  
**anti-Betacellulin antibody (AA 1-178)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	Betacellulin (BTC)
Binding Specificity:	AA 1-178
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Betacellulin antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

## Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human BTC protein.
Immunogen:	BTC (NP_001720.1, 1 a.a. ~ 178 a.a) full-length human protein.
Sequence:	MDRAARCSGA SSLPLLLALA LGLVILHCVV ADGNSTRSPE TNGLLCGDPE ENCAATTTQS KRKGHF SRCP KQYKHYCIKG RCRFVVAEQT PSCVCDEGYI GARCERVDLF YLRGDRGQIL VICLIAMVV FIILVIGVCT CCHPLRKRRK RKKKEEEMET LGKDITPINE DIEETNIA
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

## Target Details

Target:	Betacellulin (BTC)
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## Target Details

Alternative Name:	BTC ( <a href="#">BTC Products</a> )
Background:	Full Gene Name: betacellulin Synonyms:
Gene ID:	685
NCBI Accession:	<a href="#">NM_001729</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a>

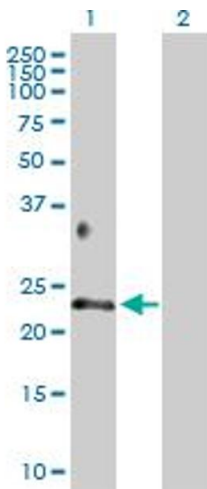
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images

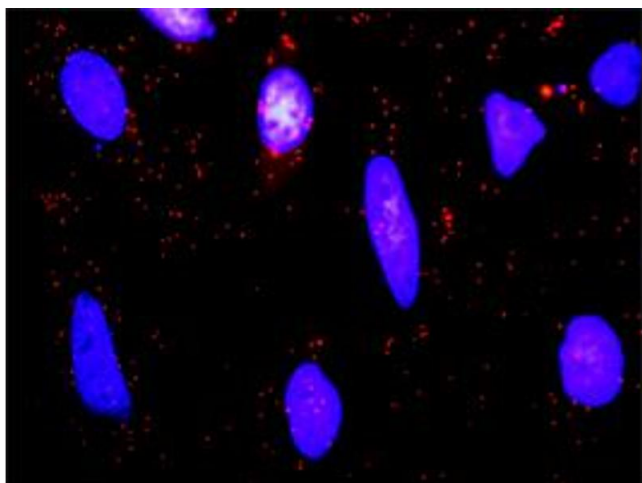


### Western Blotting

**Image 1.** Western Blot analysis of BTC expression in transfected 293T cell line by BTC MaxPab polyclonal antibody.

Lane 1: BTC transfected lysate(19.70 KDa).

Lane 2: Non-transfected lysate.



#### Proximity Ligation Assay

**Image 2.** Proximity Ligation Analysis of protein-protein interactions between BTC and ERBB2. HeLa cells were stained with anti-BTC rabbit purified polyclonal 1:1200 and anti-ERBB2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).